|            | Index of Claims |                |            |               |             |           |           |          |           |          |            |          |                | A              | Application No. |                    |           |                     |             |              |           |          |           | $\neg$     | Applicant(s) |                            |          |        |          |              |   |           |   |
|------------|-----------------|----------------|------------|---------------|-------------|-----------|-----------|----------|-----------|----------|------------|----------|----------------|----------------|-----------------|--------------------|-----------|---------------------|-------------|--------------|-----------|----------|-----------|------------|--------------|----------------------------|----------|--------|----------|--------------|---|-----------|---|
|            |                 |                |            |               |             |           |           |          |           |          |            |          |                | 1(             | 10/633,332      |                    |           |                     |             |              |           |          |           |            | М            | IL                         | ER       | }. E   | =RN      | 1ES          | ;T  | D.        |   |
|            |                 |                |            |               |             |           |           |          |           |          |            |          |                |                |                 | Examiner           |           |                     |             |              |           |          |           |            |              | MILLER, ERNEST D. Art Unit |          |        |          |              |   |           |   |
|            |                 |                |            |               |             |           |           |          |           |          |            |          |                |                | <b>T</b> 1      | Thomas L Milliams  |           |                     |             |              |           |          |           |            |              | 3693                       |          |        |          |              |   |           |   |
|            |                 |                |            |               |             |           |           |          |           |          | —          |          |                |                |                 | Thomas J. Williams |           |                     |             |              |           |          |           |            | 3683         |                            |          |        |          |              |   |           |   |
|            |                 | ۲,             |            |               |             | 1         | ٢         | П        |           | Th       | rov        | ıgh n    | ามท            | ner            | al)             | ٦                  |           | $\prod$             | Non Florida |              |           |          |           |            | П            |                            |          |        |          |              | 7   |           |   |
| -          |                 | <b>∀</b>       | √ Rejected |               |             |           |           |          | Cancelled |          |            |          |                | d              |                 |                    |           |                     | Non-Elect   |              |           | cte      | ١         |            | A            | Appeal                     |          |        |          |              |   |           | : |
|            |                 | -              |            | Vilow         |             | ed be     |           | +        |           |          | Restricted |          |                | <u> </u>       |                 |                    |           | П                   | ir          | interference |           |          | $\Box$    |            | 0            |                            | Objected |        |          | 1            |   |           |   |
|            |                 |                | T,         |               | <del></del> | ]         | · l       | Ĺ        |           | _        |            |          |                |                |                 | l                  | L         |                     |             |              | 3110      |          |           | ل          |              | _                          | 700      |        | <u>.</u> | J            |   |           |   |
| ٦          | taim            | Т              |            |               | Oat         |           |           | _        | $\neg$    | Г        | Cli        | aim      | т              |                |                 |                    | ate       | <u></u>             |             | _            | ٦         | Г        | Cla       | aim        | _            |                            |          | Da     | ate      |              |   |           | ì |
| _          | T in            | 'n             | 05         | 30            | T           | Γ         | $\prod$   | ٦        |           | ſ        | =   76     |          |                |                |                 |                    |           | $\sqcap$            |             |              |           |          | ٦         |            | П            | $\prod$                    |          |        |          |              | T   | $\prod$   |   |
| Finat      | Original        | 2              | 9/12/05    | 90/3//5       |             |           |           |          |           | 1        | Final      | Original |                |                |                 |                    |           |                     |             |              |           |          | E E       | Original   |              |                            | 1        |        |          | .            |   |           |   |
|            |                 |                |            |               | $\bot$      | $\perp$   | $\sqcup$  | 4        | _         | L        |            | j l      | $\sqcup$       | Ц              | Ц               | _                  | $\dashv$  | $\dashv$            | 4           | 4            | Ц         | L        |           |            | Ц            | 4                          | 4        | $\bot$ | 4        | $\downarrow$ | $oldsymbol{ol}}}}}}}}}}}}}}}}}}}$ | Ц         |   |
|            | 1 2             | <del> </del> ₹ | 1          | _             | 七           | ╁         | $oxed{+}$ | 十        | $\exists$ | ŀ        |            | 51<br>52 | ╁              | H              |                 | -                  | 1         | 一                   | $\dashv$    | $\dashv$     | $\vdash$  | $\vdash$ | $\dashv$  | 101<br>102 | $\vdash$     | +                          | +        | +      | +        | ╁            | ╁   | Н         |   |
|            | 3               | 1              |            | 14            | 丰           | $\Box$    | 口         | コ        | $\exists$ |          |            | 53       | $\Box$         | $\Box$         | $\Box$          | $\exists$          | $\dashv$  | $\exists$           | $\exists$   | $\exists$    | $\Box$    | F        |           | 103        | $\Box$       | $\exists$                  | 7        | 工      | 工        | #            | 丰   |           |   |
| -          | 5               | 7              | •          | 1             | +           | ╁         | ₩         | +        | $\dashv$  | H        | $\dashv$   | 54<br>55 | $\vdash$       | Н              | +               | $\dashv$           | +         | $\dashv$            | ᅴ           | 7            |           | $\vdash$ | $\dashv$  | 104<br>105 | $\vdash$     | $\dashv$                   | +        | +      | +        | +            | ╀   | Н         |   |
|            | 6               | V              | 1          | 7             | 丰           | $\Box$    | 口         | コ        | $\exists$ | F        |            | 56       | $\Box$         | $\Box$         | 口               | $\exists$          | $\exists$ | $\rightrightarrows$ | 耳           | $\dashv$     | $\Box$    | F        | 口         | 108        | 口            | コ                          | コ        | 丰      | 丰        | 丰            | 二   | 口         |   |
| -          | 8               | ╁              |            | $\rightarrow$ | +           | $\vdash$  | ₩         | $\dashv$ | $\dashv$  | H        |            | 57<br>58 | ╀┦             | Н              | -               | $\dashv$           | +         | $\dashv$            | +           | $\dashv$     | H         | $\vdash$ | $\dashv$  | 107<br>108 | Н            | +                          | +        | +      | +        | +            | +   | Н         |   |
|            | 9               | V              | 1          | 1             | 丰           | $\Box$    | 口         | 二        |           | ļ        | =          | 59       |                |                | 口               | $\sqsupset$        | コ         | コ                   | 口           | 二            | $\Box$    | L        | コ         | 109        | 口            | コ                          | コ        | 丰      | 丰        | #            | 上   | 口         |   |
| -          | 10              | 1              | 1          | 12            | +           | ╀         | ╀         | $\dashv$ | $\dashv$  | +        | <b>—</b>   | 60<br>61 | ₽              | Н              | $\vdash$        | $\dashv$           | $\dashv$  | $\dashv$            | $\dashv$    | $\dashv$     | H         | $\vdash$ |           | 110<br>111 | Н            | +                          | +        | +      | +        | +            | }   | Н         |   |
|            | 12              | 上              |            | 17            | 土           |           | 廿         | コ        | コ         | t        |            | 62       |                |                |                 | $\exists$          | $\exists$ | ightharpoons        |             |              |           | L        |           | 112        |              | 士                          | $\pm$    | 士      | 土        | 士            | 士   | $\Box$    |   |
| <u> </u>   | 13              | $\vdash$       |            | 7             | $\mp$       | $\vdash$  | $\vdash$  | $\dashv$ | $\exists$ | -        |            | 64       | $\square$      | Н              | $\Box$          | $\dashv$           | 4         | $\dashv$            | $\dashv$    | $\dashv$     | $\exists$ | F        |           | 113        | П            | $\dashv$                   | $\dashv$ | $\mp$  | 丰        | 7            | L   |           |   |
|            | 15              | 士              |            | 才             | 士           | 世         | H         | 士        |           | t        | _          | 65       | H              |                | 廿               | $\exists$          | $\exists$ | 1                   | 士           | $\exists$    |           | t        |           | 115        | H            | +                          | +        | +      | +        | +            | +   | Н         |   |
|            | 16<br>17        | L              |            | 丌             | 工           | $\Box$    | $\Box$    | $\dashv$ | $\exists$ |          |            | 66       | $\Box$         | 口              | $\Box$          | $\Box$             | $\neg$    | $\Box$              | $\exists$   | $\exists$    | $\Box$    | F        |           | 116        | $\Box$       | コ                          | 7        | 7      | I        | $\mp$        | 丰   |           | , |
|            | 18              | 士              | $\vdash$   | +             | +           | H         | H         | +        | $\dashv$  | +        | -          | 67<br>68 | H              | H              | $\dashv$        | -                  | +         | $\dashv$            | $\dashv$    | +            | $\vdash$  | $\vdash$ |           | 117<br>118 | H            | +                          | +        | +      | +        | +            | ╀   | Н         |   |
|            | 19              |                |            | 丌             | 工           |           | 口         | コ        | コ         | F        | $\Box$     | 69       |                | 口              | $\Box$          | $\Box$             | $\exists$ | ユ                   | コ           | 口            | $\Box$    |          |           | 119        | 口            | コ                          | コ        | #      | 丰        | 丰            | 丰   |           |   |
| $\vdash$   | 20              | ╁              | H          | H             | +           | ╁┤        | ╁         | $\dashv$ | $\dashv$  | F        | $\dashv$   | 70<br>71 | dash           | Н              | $\vdash$        | -                  | $\dashv$  | +                   | $\dashv$    | $\dashv$     | $\dashv$  | -        |           | 120<br>121 | Н            | +                          | +        | +      | +        | +            | ╀   | $\vdash$  |   |
|            | 22              |                |            | 耳             | 丰           | ₽         | 口         | #        | コ         | ļ        |            | 72       |                |                | 口               | 耳                  | コ         | #                   | 口           | コ            | $\exists$ | L        | $\Box$    | 122        | 口            | $\Rightarrow$              | 丰        | 丰      | 丰        | 士            | 士   | 口         |   |
| -          | 23              | ╀              | Н          | $\vdash +$    | +           | ╀┦        | ╁         | $\dashv$ | $\dashv$  | $\vdash$ |            | 73<br>74 | H              | Н              | $\dashv$        | -                  | $\dashv$  | $\dashv$            | $\dashv$    | $\dashv$     | $\dashv$  | -        | $\dashv$  | 123<br>124 | Н            | $\dashv$                   | +        | +      | +        | +            | ┼-  | Н         |   |
|            | 25              | L              |            | 口             | 二           |           | 口         | コ        | コ         | t        |            | 75       |                | 口              | 口               | コ                  | コ         | コ                   | コ           | コ            | $\Box$    | L        | コ         | 125        |              | $\exists$                  | $\pm$    | 土      | 土        | 土            | 士   |           |   |
| -          | 26<br>27        | $\vdash$       | H          | $\vdash$      | +-          | ┦         | ╀         | $\dashv$ | $\dashv$  | -        |            | 76<br>77 | $\vdash$       | Н              | $\dashv$        | 4                  | $\dashv$  | $\dashv$            | 4           | $\dashv$     | $\dashv$  | F        | +         | 126<br>127 | $\Box$       | +                          | 7        | 7      | 7        | $\mp$        | Į   | $\square$ |   |
|            | 28              | 亡              |            | 口             | 土           | Ц         | 世         | 士        | コ         | L        |            | 78       | $\Box$         |                | 寸               | $\exists$          | コ         | $\pm$               | $\exists$   | $\exists$    | コ         | L        | $\exists$ | 128        |              | 士                          | 士        | 士      | 士        | 士            | 七   | H         |   |
| $\vdash$   | 29<br>30        | L              |            | 1             | +           | $\square$ | H         | 4        | $\exists$ | -        | $\Box$     | 79<br>80 | $\square$      | $\overline{H}$ | $\dashv$        | 4                  | $\dashv$  | $\exists$           | $\dashv$    | $\dashv$     | $\exists$ | F        | $\dashv$  | 129<br>130 |              | 7                          | 7        | 丰      | Ŧ        | Ŧ            | F   | $\Box$    | · |
|            | 31              |                |            | 士             | 士           | $\forall$ | 廿         | 士        | 寸         | t        | _          | 81       |                | H              | 士               | 士                  | 1         | $\exists$           | 寸           | 1            | $\dashv$  | $\vdash$ |           | 131        | -            | +                          | +        | 十      | 十        | +            | 十   | Н         |   |
|            | 32              |                |            | 耳             | 工           | $\Box$    | 口         | 4        | コ         | F        | $\Box$     | 82       | $\Box$         | $\square$      | $\dashv$        | $\Box$             | <u> </u>  | $\exists$           | コ           | $\exists$    | $\exists$ |          |           | 132        | 口            | 7                          | #        | 丰      | #        | 丰            | 二   |           |   |
| }          | 33              | H              | Н          | $\dashv$      | +-          | ${m H}$   | $\vdash$  | +        | $\dashv$  | +        |            | 83<br>84 | H              | $\vdash$       | +               | ┥                  | $\dashv$  | +                   | ┥           | +            | $\dashv$  | -        |           | 133        |              | +                          | +        | +      | +        | +            | ╀   | Н         |   |
|            | 35              |                |            | 二             | 二           | 口         | 口         | コ        | ゴ         | L        | $\square$  | 85       |                | 口              | コ               | コ                  | コ         | 二                   | コ           | コ            |           |          |           | 135        |              | $\downarrow$               | 士        | 士      | 士        | 土            | 士   | Ц         |   |
| -          | 36              | $\vdash$       | Н          | _             | +           | $\dashv$  | ₩         | +        | $\dashv$  | 1        |            | 86<br>87 | H              | H              | $\dashv$        | +                  | $\dashv$  | +                   | 4           | +            | $\dashv$  | -        |           | 136<br>137 |              | 4                          | 4        | 7      | 7        | 1            | $oldsymbol{\perp}$  | H         |   |
|            | 38              |                |            | 二             | 士           |           | 世         | 士        | ゴ         | L        |            | 88       | U              |                | $\exists$       | コ                  | コ         | 士                   | 士           | 士            | $\exists$ |          |           | 138        |              | 士                          | 士        | 士      | 士        | 士            | 十   | $\forall$ |   |
| <u> </u>   | 39<br>40        | $\square$      | $\square$  | $\dashv$      | Į.          | $\square$ | $\Box$    | 7        | $\exists$ | -        | $\dashv$   | 89<br>90 | $\Box$         | $\Box$         | $\dashv$        | 7                  | 4         | 4                   | 7           | 7            | $\exists$ |          |           | 139        | $\Box$       | 7                          | 7        | Ŧ      | Ŧ        | Ţ            | F   | П         |   |
|            | 41              | $oxed{\Box}$   | H          | 士             | t           | H         | 廿         | +        | $\dashv$  | F        | $\exists$  | 91       | H              | $\dashv$       | 1               | $\dashv$           | +         | +                   | +           | +            | $\dashv$  | $\vdash$ |           | 140<br>141 | +            | +                          | +        | +      | 十        | +            | ╀   | Н         | • |
|            | 42              | $\Box$         | 口          | 丁             | P           | $\Box$    | 口         | コ        | コ         | F        | $\Box$     | 92       | 口              | $\Box$         | コ               | $\exists$          | コ         | 丁                   | コ           | コ            | $\exists$ |          | コ         | 142        | $\Box$       | 7                          | #        | 丰      | 丰        | #            | 二   | 口         |   |
| -          | 43              | Н              | H          | +             | +           | H         | +         | 十        | $\dashv$  | $\vdash$ | $\dashv$   | 93<br>94 | H              | $\dashv$       | +               | $\dashv$           | +         | 十                   | +           | +            | $\dashv$  | -        |           | 143        | $\dashv$     | +                          | +        | +      | +        | +            | ┼-  | Н         |   |
|            | 45              |                | 口          | 丰             | 二           |           | 口         | ユ        | コ         | F        | $\Box$     | 95       | 口              | 口              | コ               | コ                  | コ         | 1                   | コ           | コ            | コ         |          | $\Box$    | 145        |              | 士                          | #        | 土      | 土        | 土            | 上   | 口         |   |
| -          | 46<br>47        | Н              | $\vdash$   | +             | +-          | Н         | $\vdash$  | +        | $\dashv$  | -        | $\dashv$   | 96<br>97 | H              |                | +               | $\dashv$           | +         | 4                   | 4           | 4            | $\dashv$  | -        |           | 146        | $\dashv$     | 4                          | 4        | 7      | 7        | +            | L   | $\Box$    |   |
|            | 48_             | 口              | $\Box$     | 丰             | 力           | 口         | 口         | 士        | コ         | L        | コ          | 98       |                | コ              | $\downarrow$    | コ                  | コ         | 士                   | 士           | $\exists$    |           |          | $\Box$    | 148        | 士            | 士                          | 1        | 士      | 士        | 士            |   | H         |   |
| <b> </b> - | 49<br>50        | Н              | $\dashv$   | +             | ╁┦          | H         | +         | +        | 4         | F        | _          | 99       | $\overline{H}$ | $\dashv$       | 4               | 7                  | 4         | 4                   | $\dashv$    | 7            | $\exists$ | F        | 4         | 149<br>150 | $\dashv$     | 7                          | 7        | Ŧ      | Ŧ        | Ţ            |   | 口         |   |
|            | 1               | ш              |            |               | ب           |           |           | _        |           | _        | _          | 100,     |                |                |                 |                    | _         |                     |             | _            |           | L.       |           | 130        |              |                            | _L       |        |          |              | لسلا  | لــا      |   |

Application No.